

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	294567	(detect\$3 or sens\$3 or monitor\$3 or track\$3) near5 (intruder or person or individual or object)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:41
L2	691	(active or passive) near2 array near2 antenna	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:45
L3	10	1 and 2 and (high adj power)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:34
L4	10	3 and reflect\$3	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:35
L5	7	4 and (intruder or person)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:42
L6	0	4 and (intruder or intrusion or theft)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:43
L7	3	2 and (intruder or intrusion or theft)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:45
L8	886	1 and array near2 antenna and reflect\$3	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:45
L9	84	8 and (intruder or intrusion or theft)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 12:48
L10	2	9 and (millimeter\$wave or MMW)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 13:25
L11	64627	(refrain\$3 or ceas\$3 or stop\$4 or cancel\$3 or 'not') near4 (generat\$3 or emit\$4 or radiat\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:04
L12	39	11 with (authori\$6 or authenticat\$3 or owner)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:05
L13	0	9 and 12	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:06
L14	400	11 with (authori\$6 or authenticat\$3 or owner or tag or identity or recogniz\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:06
L15	0	9 and 14	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:07

L16	0	8 and 14	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:07
L17	61	1 and 14	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:22
L18	0	2 and 17	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:07
L19	0	17 and (millimeter\$wave or MMW)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:07
L20	10	9 and ((optic\$4 or sonic or ultrasonic or radar) near2 illuminat\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:42
L21	38	9 and illuminat\$3	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:29
L22	6	9 and ((increas\$3 or more) near3 (energy or density) near9 reflect\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:33
L23	0	9 and (semiconductor near7 wafer)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:33
L24	1	9 and (semiconductor near7 antenna)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:34
L25	0	9 and (wafer near7 antenna)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:35
L26	0	1 and (2 with wafer)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:35
L27	24	1 and (antenna near9 wafer)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:41
L28	27	9 and (pulse near2 (repetition or duration))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:43
L29	26	9 and (beam near4 direct\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:35
L30	0	9 and biometric and biologic\$4	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:47
L31	1	9 and biologic\$4	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:47

L32	0	10 and heat	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 13:25
L33	0	10 and temperature	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 13:25
L34	30801	(movement or moving or direction or path) near5 (person or intruder or animal)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:35
L35	34	9 and 34	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:36
L36	53	9 and (optic\$4 or sonic or ultrasonic or infrared or IR or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:51
L37	23	36 and passive	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:51

US 6922145 B2	Intrusion detection, tra	340/541	340/506; 340/554; 340/555; 340/5
US 6812824 B1	Method and apparatus	340/10.1	340/7.21; 340/825.49; 340/825.69
US 6703935 B1	Antenna arrangement	340/572.7	340/572.1; 343/866; 343/867; 343
US 6667724 B2	Impulse radar antenn	343/893	342/27
US 6606051 B1	Pulse-responsive dipc	342/27	342/21; 343/793
US 6535159 B1	Immersion object dete	342/27	340/552; 342/107; 342/28
US 6252507 B1	Intrusion detection sy	340/552	340/539.1; 340/567
US 6218979 B1	Wide area time domai	342/28	342/22; 342/57; 342/58; 342/59
US 6111237 A	Microwave facilitated	219/687	219/746; 315/111.21; 333/1; 361/
US 5969663 A	Time domain radio tra	342/27	342/21; 359/238; 359/240; 359/24
US 4684929 A	Microwave/seismic se	340/541	340/522; 340/545.3; 340/566
US 4051472 A	Large area motion ser	342/28	340/554; 342/189
US 6922177 B2	Impulse radar antenn	343/893	343/844
US 6922173 B2	Reconfigurable scann	343/701	340/568.1; 340/572.1; 340/691.6;
US 6883710 B2	Article tracking system	235/385	235/383; 235/384; 235/492
US 6882301 B2	Time domain radio tra	342/21	342/89; 375/130; 375/256; 380/34
US 6847892 B2	System for localizing	701/213	340/426.1; 340/426.19; 342/357.0
US 6778127 B2	Drillstring radar	342/22	342/118; 342/175; 342/194; 342/
US 6768944 B2	Method and system fo	701/301	213/36
US 6720920 B2	Method and arrangem	342/386	342/357.06
US 6710736 B2	System and method fo	342/28	342/21; 342/22; 342/58; 342/59
US 6703945 B2	System and method fo	340/961	340/949; 340/968; 342/26R
US 6696954 B2	Antenna array for sma	340/572.7	340/572.1; 343/745; 343/748; 343
US 6636150 B2	Lamp monitoring and	340/506	340/2.1; 455/73
US 6633252 B2	Radar plow drillstring	342/22	175/24; 175/26; 324/332; 342/175
US 6624611 B2	Sensing vehicle batter	320/104	
US 6591171 B1	Autonomous landing c	701/16	340/968; 342/26R; 342/33; 701/1.
US 6573857 B2	System and method fo	342/28	342/21; 342/22; 342/58; 342/59
US 6552677 B2	Method of envelope d	342/22	342/25R
US 6526352 B1	Method and arrangem	701/213	342/357.13; 701/200; 701/208; 70
US 6433729 B1	System and method fo	342/29	342/179; 342/30; 342/32; 342/36;
US 6430480 B1	Autonomous landing c	701/16	340/968; 342/33; 701/14; 701/22;
US 6405132 B1	Accident avoidance sy	701/301	701/117; 701/213; 701/45
US 6400307 B2	System and method fo	342/28	342/21; 342/22; 342/58; 342/59
US 6384722 B1	Lamp monitoring and	340/506	340/3.1; 340/870.16; 455/73; 702
US 6370475 B1	Accident avoidance sy	701/301	340/436; 342/357.08; 701/215
US 6359555 B1	Alarm monitoring and	340/506	340/3.1; 455/73; 702/188
US 6314366 B1	Satellite based collisic	701/201	340/961; 342/357.1; 342/451; 455
US 6313783 B1	Transponder having d	342/32	342/29; 342/30; 342/36; 342/37; 3
US 6311108 B1	Autonomous landing c	701/16	244/180; 342/33; 701/213; 701/22
US 6278335 B1	Oscillator circuit	331/65	331/96
US 6177903 B1	System and method fo	342/28	342/21; 342/22; 342/58; 342/59

US 6104712 A	Wireless communication system	370/389	342/57; 342/58; 455/432.1
US 6064276 A	Oscillator circuit	331/96	331/117D; 331/99
US 6054694 A	Microwave facilitated communication system	219/679	219/687; 219/746; 361/117
US 6023610 A	Communication system	455/101	
US 5977913 A	Method and apparatus	342/465	340/825.36
US 5977874 A	Relating to motion detection	340/554	333/120; 455/327; 455/330
US 5952956 A	Time domain radio transmission	342/27	342/21; 375/130; 375/239; 375/256
US 5831570 A	Radar resolution using	342/26B	342/149; 342/152; 342/194; 342/222
US 5812081 A	Time domain radio transmission	342/21	342/22; 342/27; 375/345
US 5673252 A	Communications protocol	370/449	370/346; 370/349; 370/350
US 5583507 A	Passive identification	342/45	342/6
US 5519565 A	Electromagnetic-wave	361/280	73/514.32
US 5495249 A	Ground surveillance radar	342/36	342/146; 342/147; 342/29
US 5471214 A	Collision avoidance algorithm	342/70	342/54
US 5469167 A	Synthetic aperture radar	342/25A	342/194; 342/201
US 5381137 A	RF tagging system and method	340/572.5	29/846; 29/847; 336/200; 340/10.1
US 5363108 A	Time domain radio transmission	342/27	342/21; 375/130; 375/256; 380/34
US 5300933 A	Stick figure radar tracking	342/36	342/179; 342/96
US 5265121 A	Spread spectrum communication	375/346	375/343
US 5055851 A	Vehicle location system	342/457	340/539.1; 340/539.13; 380/58; 380/59
US 5023594 A	Ceiling mount microwave	340/552	333/250; 333/26; 343/772
US 4975707 A	Multiple satellite location	342/357.17	342/354
US 4891650 A	Vehicle location system	342/457	340/990; 701/207; 701/300
US 4837574 A	Near-field monostatic radar	342/27	342/94; 367/93
US 4827395 A	Manufacturing monitoring	700/9	340/10.1; 340/10.34; 340/572.1; 340/572.2
US 4656463 A	LIMIS systems, device and method	340/573.4	340/10.34; 340/10.42; 340/521; 340/522
US 4647931 A	Dual frequency identification	342/44	
US 4641146 A	Dipole array with phase shifter	343/814	343/850
US 4595924 A	Intruder detection radar	342/28	340/554; 342/109
US 4536752 A	Intrusion detection system	340/554	342/28
US 4520362 A	Polarization radiometry	342/361	
US 4298875 A	Aircraft collision avoidance	342/455	342/415
US 4187506 A	Microwave power transmission	342/352	310/306; 455/117; 455/127.1
US 4128839 A	Means for accumulation	342/32	
US 4032920 A	Two-frequency instrument	342/413	
US 4027307 A	Collision avoidance/prioritization	342/32	342/38; 342/39; 342/455
US 3890615 A	Target detection system	342/28	
US 3703722 A	MOTION DETECTION	342/28	340/554; 342/173
US 3697987 A	COLLISION AVOIDANCE	342/41	342/182; 342/455
US 3651300 A	MICROWAVE HEATING	219/741	219/744
US 3631484 A	HARMONIC DETECTION	342/46	342/193
US 4595924 A	Intruder detection radar system and nulling antenna array - has intruder detection		

US 6535159 B1  
US 5265121 A

Immersion object detection 342/27  
Spread spectrum coherence 375/346

340/552; 342/107; 342/28  
375/343

L10

US 6218979 B1	Wide area time domain	342/22; 342/57; 342/58; 342/59
US 6922173 B2	Reconfigurable scanning	340/568.1; 340/572.1; 340/691.6;
US 6710736 B2	System and method for	342/21; 342/22; 342/58; 342/59
US 6573857 B2	System and method for	342/21; 342/22; 342/58; 342/59
US 6400307 B2	System and method for	342/21; 342/22; 342/58; 342/59
US 6177903 B1	System and method for	342/21; 342/22; 342/58; 342/59

L 22

US 4654622 A	Monolithic integrated circuit 338/14	257/E27.131; 343/700MS
US 6891513 B2	Antenna system for a	343/786 343/700MS; 343/772
US 6889568 B2	Process condition sensor	73/866.1 438/18
US 6840670 B2	Apparatus and method	374/121
US 6828556 B2	Millimeter wave imaging	250/336.1 343/700MS
US 6799455 B1	Vehicle tire air monitoring	73/146 73/146.8
US 6556146 B1	Radio-interrogated system	340/870.3 310/313B; 310/313R; 324/96
US 6447636 B1	Plasma reactor with discharge	156/345.4 118/723I; 315/111.51
US 6421013 B1	Tamper-resistant wire	343/700MS 235/441; 343/895
US 6311638 B1	Plasma processing method	118/723M 118/723E; 118/723I; 156/345.28;
US 6084503 A	Radio-interrogated system	340/10.1 310/313B; 310/313R; 324/117H;
US RE36615 E	Use of vanadium oxide	338/18 250/250; 250/334; 250/370.14; 338/18
US 6024827 A	Plasma processing apparatus	156/345.4 118/723I
US 5969639 A	Temperature measuring device	340/870.1 342/368
US 5966008 A	Radio-interrogated, system	324/96 324/117R; 324/226; 324/252
US 5952818 A	Electro-optical sensing	324/96
US 5850199 A	Mobile tracking antenna	343/757 343/915; 343/916
US 5529657 A	Plasma processing apparatus	156/345.2 118/723E; 118/723I; 156/345.27;
US 5450053 A	Use of vanadium oxide	338/18 250/250; 250/334; 250/370.14; 338/18
US 5222162 A	Monolithic integrated circuit	385/14
US 4476459 A	Theft detection method	340/572.4 340/572.5; 340/572.7; 342/42
US 4319583 A	Animal birth detector	600/588 340/573.3; 600/591
US 3868669 A	REDUCTION OF FALSE	340/572.1
US 3818472 A	R.F. SYSTEM FOR DETECTING	340/572.4 334/39; 340/572.5

L 27



US 6667724 B2	Impulse radar antennæ 343/893	342/27
US 6606051 B1	Pulse-responsive dipc 342/27	342/21; 343/793
US 6218979 B1	Wide area time domai 342/28	342/22; 342/57; 342/58; 342/59
US 5969663 A	Time domain radio tra 342/27	342/21; 359/238; 359/240; 359/24
US 4051472 A	Large area motion ser 342/28	340/554; 342/189
US 6922177 B2	Impulse radar antennæ 343/893	343/844
US 6882301 B2	Time domain radio tra 342/21	342/89; 375/130; 375/256; 380/34
US 6710736 B2	System and method fc 342/28	342/21; 342/22; 342/58; 342/59
US 6591171 B1	Autonomous landing ç 701/16	340/968; 342/26R; 342/33; 701/1
US 6573857 B2	System and method fc 342/28	342/21; 342/22; 342/58; 342/59
US 6552677 B2	Method of envelope d 342/22	342/25R
US 6430480 B1	Autonomous landing ç 701/16	340/968; 342/33; 701/14; 701/22
US 6400307 B2	System and method fc 342/28	342/21; 342/22; 342/58; 342/59
US 6311108 B1	Autonomous landing ç 701/16	244/180; 342/33; 701/213; 701/2
US 6177903 B1	System and method fc 342/28	342/21; 342/22; 342/58; 342/59
US 5952956 A	Time domain radio tra 342/27	342/21; 375/130; 375/239; 375/2
US 5831570 A	Radar resolution usinç 342/26B	342/149; 342/152; 342/194; 342/
US 5812081 A	Time domain radio tra 342/21	342/22; 342/27; 375/345
US 5495249 A	Ground surveillance r; 342/36	342/146; 342/147; 342/29
US 5471214 A	Collision avoidance ai 342/70	342/54
US 5469167 A	Synthetic aperture rac 342/25A	342/194; 342/201
US 5363108 A	Time domain radio tra 342/27	342/21; 375/130; 375/256; 380/34
US 5265121 A	Spread spectrum cohç 375/346	375/343
US 4827395 A	Manufacturing monitoi 700/9	340/10.1; 340/10.34; 340/572.1; 3
US 4656463 A	LIMIS systems, deviceç 340/573.4	340/10.34; 340/10.42; 340/521; 3
US 4128839 A	Means for accumulatiç 342/32	
US 4027307 A	Collision avoidance/pç 342/32	342/38; 342/39; 342/455

L28

US 6922145 B2	Intrusion detection, tra	340/541	340/506; 340/554; 340/555; 340/5
US 6606051 B1	Pulse-responsive dipc	342/27	342/21; 343/793
US 6252507 B1	Intrusion detection sy	340/552	340/539.1; 340/567
US 6218979 B1	Wide area time domai	342/28	342/22; 342/57; 342/58; 342/59
US 5969663 A	Time domain radio tra	342/27	342/21; 359/238; 359/240; 359/24
US 4051472 A	Large area motion ser	342/28	340/554; 342/189
US 6882301 B2	Time domain radio tra	342/21	342/89; 375/130; 375/256; 380/34
US 6768944 B2	Method and system fo	701/301	213/36
US 6720920 B2	Method and arrangem	342/386	342/357.06
US 6703945 B2	System and method fc	340/961	340/949; 340/968; 342/26R
US 6624611 B2	Sensing vehicle batter	320/104	
US 6526352 B1	Method and arrangem	701/213	342/357.13; 701/200; 701/208; 70
US 6433729 B1	System and method fc	342/29	342/179; 342/30; 342/32; 342/36;
US 6405132 B1	Accident avoidance sy	701/301	701/117; 701/213; 701/45
US 6370475 B1	Accident avoidance sy	701/301	340/436; 342/357.08; 701/215
US 6314366 B1	Satellite based collisic	701/201	340/961; 342/357.1; 342/451; 451
US 6313783 B1	Transponder having d	342/32	342/29; 342/30; 342/36; 342/37; 3
US 6023610 A	Communication system	455/101	
US 5977874 A	Relating to motion det	340/554	333/120; 455/327; 455/330
US 5952956 A	Time domain radio tra	342/27	342/21; 375/130; 375/239; 375/24
US 5812081 A	Time domain radio tra	342/21	342/22; 342/27; 375/345
US 5363108 A	Time domain radio tra	342/27	342/21; 375/130; 375/256; 380/34
US 4837574 A	Near-field monostatic	342/27	342/94; 367/93
US 4827395 A	Manufacturing monitor	700/9	340/10.1; 340/10.34; 340/572.1; 3
US 4656463 A	LIMIS systems, device	340/573.4	340/10.34; 340/10.42; 340/521; 3
US 4641146 A	Dipole array with pha	343/814	343/850
US 4595924 A	Intruder detection rad	342/28	340/554; 342/109
US 4536752 A	Intrusion detection sy	340/554	342/28
US 4298875 A	Aircraft collision avoid	342/455	342/415
US 4128839 A	Means for accumulati	342/32	
US 4027307 A	Collision avoidance/p	342/32	342/38; 342/39; 342/455
US 3890615 A	Target detection syste	342/28	
US 3703722 A	MOTION DETECTION	342/28	340/554; 342/173
US 4595924 A	Intruder detection radar system and nulling antenna array - has intr		

L 35

US 6812824 B1	Method and apparatus	340/10.1	340/7.21; 340/825.49; 340/825.69
US 4684929 A	Microwave/seismic se	340/541	340/522; 340/545.3; 340/566
US 6922173 B2	Reconfigurable scann	343/701	340/568.1; 340/572.1; 340/691.6;
US 6883710 B2	Article tracking system	235/385	235/383; 235/384; 235/492
US 6768944 B2	Method and system fo	701/301	213/36
US 6720920 B2	Method and arrangem	342/386	342/357.06
US 6703945 B2	System and method fo	340/961	340/949; 340/968; 342/26R
US 6624611 B2	Sensing vehicle batter	320/104	
US 6526352 B1	Method and arrangem	701/213	342/357.13; 701/200; 701/208; 70
US 6405132 B1	Accident avoidance sy	701/301	701/117; 701/213; 701/45
US 6370475 B1	Accident avoidance sy	701/301	340/436; 342/357.08; 701/215
US 6314366 B1	Satellite based collisic	701/201	340/961; 342/357.1; 342/451; 455
US 6313783 B1	Transponder having d	342/32	342/29; 342/30; 342/36; 342/37; 3
US 5977913 A	Method and apparatus	342/465	340/825.36
US 5583507 A	Passive identification	342/45	342/6
US 5519565 A	Electromagnetic-wave	361/280	73/514.32
US 5471214 A	Collision avoidance ai	342/70	342/54
US 5469167 A	Synthetic aperture rac	342/25A	342/194; 342/201
US 5381137 A	RF tagging system an	340/572.5	29/846; 29/847; 336/200; 340/10.
US 5023594 A	Ceiling mount microw	340/552	333/250; 333/26; 343/772
US 4975707 A	Multiple satellite locat	342/357.17	342/354
US 4827395 A	Manufacturing monito	700/9	340/10.1; 340/10.34; 340/572.1; 3
US 4656463 A	LIMIS systems, device	340/573.4	340/10.34; 340/10.42; 340/521; 3

L 37